Title: Applicant: Appl. No.: Filing Date: Page 1 of 52
Template Based Workflow Definition
Joan C. Teng Docket. OBL

Unknown Atty: November 30, 2001 Phone:

OBLX-01024US0 Burt Magen

Express Mail No.: EL 897 525 544 US

(415) 369-9660

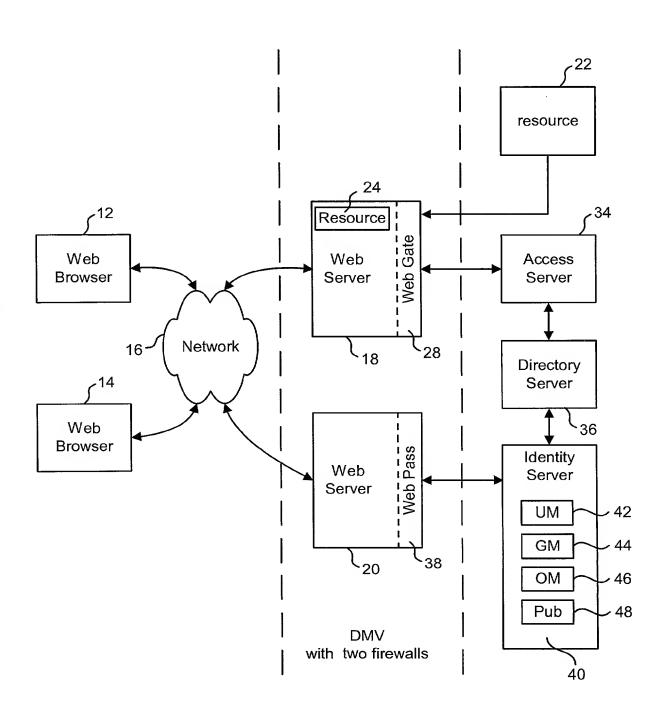


FIG. 1

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Title: Applicant: Appl No.: Filing Date. Template Based Workflow Definition
Joan C. Teng Docket: OBL OBLX-01024US0 Appl No.: Unknown Atty
Filing Date. November 30, 2001 Phone:
Express Mail No.: EL 897 525 544 US Burt Magen (415) 369-9660

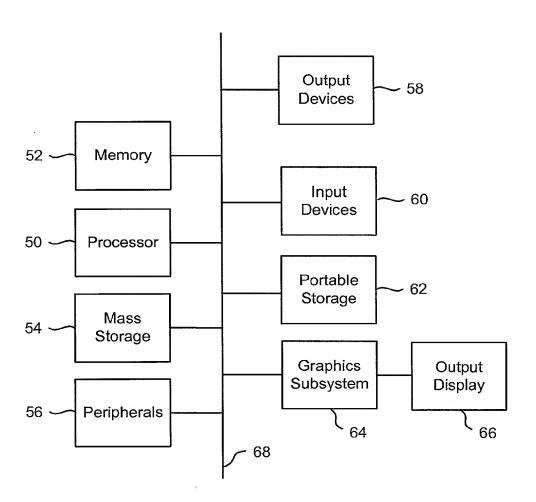


FIG. 2

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Title. Template Base Applicant: Joan C. Teng Appl. No.: Unknown

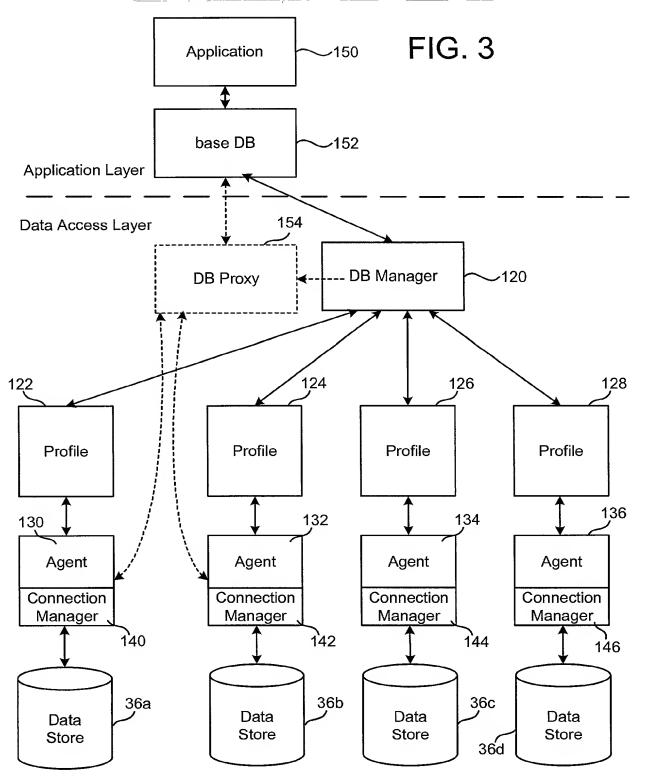
Filing Date:

Docket:
Atty:

OBLX-01024US0 Burt Magen (415) 369-9660

Express Mail No · EL 897 525 544 US

November 30, 2001 Phone: (415) 369-9660 EL 897 525 544 US



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Title: Template Based Workflow Definition Applicant: Joan C. Teng Docket: OBLX-01024US0 Appl. No.: Unknown Atty: Filing Date: November 30, 2001 Phone:

Burt Magen (415) 369-9660 Express Mail No.: EL 897 525 544 US

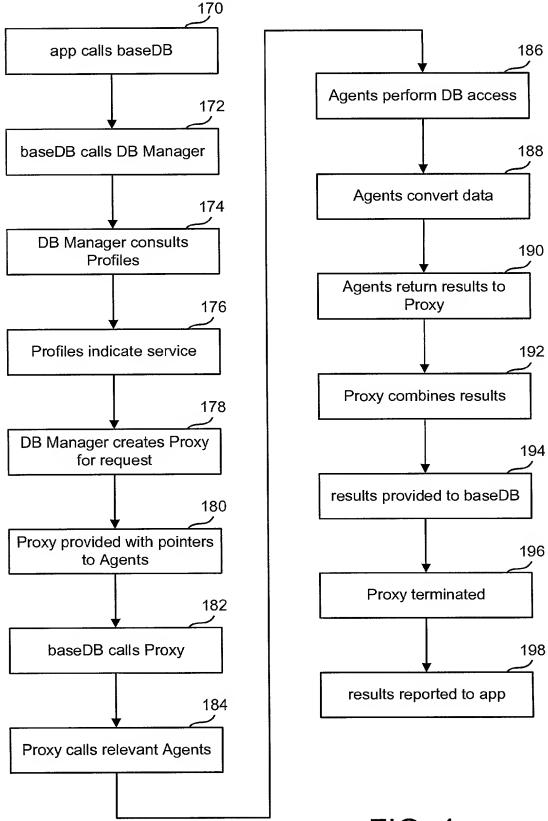


FIG. 4

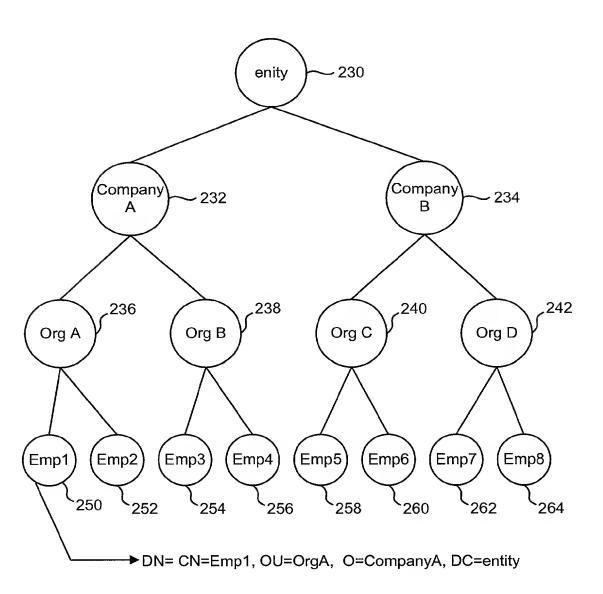
Title: Applicant: Appl. No.: Page 5 of 52
Template Based Workflow Definition

Joan C. Teng Unknown

OBLX-01024US0 Docket: Atty: Burt Magen (415) 369-9660 November 30, 2001 Phone:

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FIG. 5



## Legend

DC = Domain Component

O = Organization

OU = Organizational Unit

CN = Common Name

DN = Distinguished Name

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Applicant: Appl. No: Joan C. Teng Unknown

OBLX-01024US0 Docket: Burt Magen Atty: November 30, 2001 Phone. (415) 369-9660

Filing Date: Express Mail No: EL 897 525 544 US

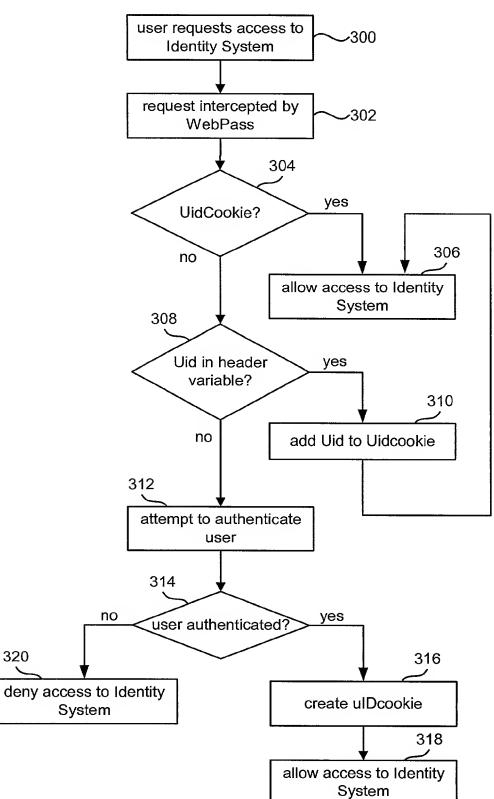


FIG. 6

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Title: Applicant: Appl. No.:

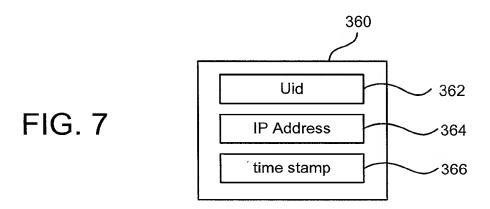
Template Based Workflow Definition
Joan C. Teng Docket: OBL Unknown

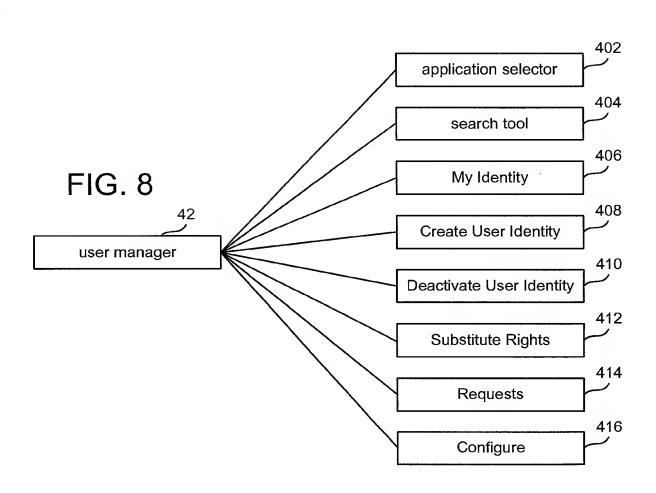
Atty: November 30, 2001 Phone:

OBLX-01024US0 Burt Magen (415) 369-9660

Filing Date.

Express Mail No : EL 897 525 544 US

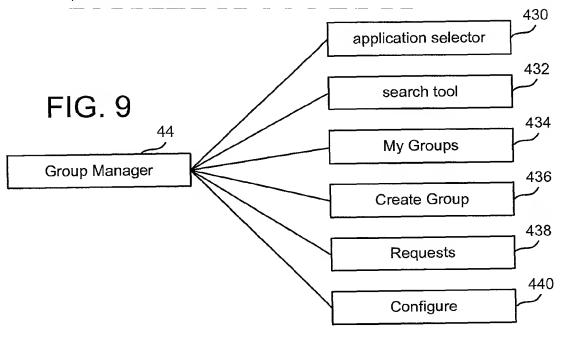


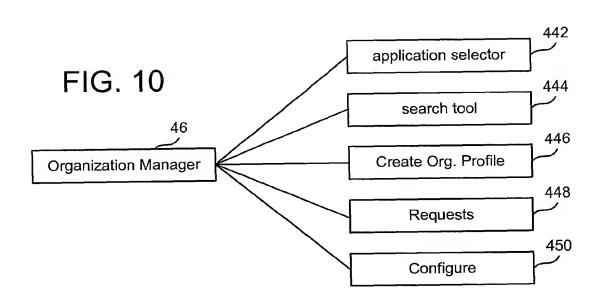


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Title:

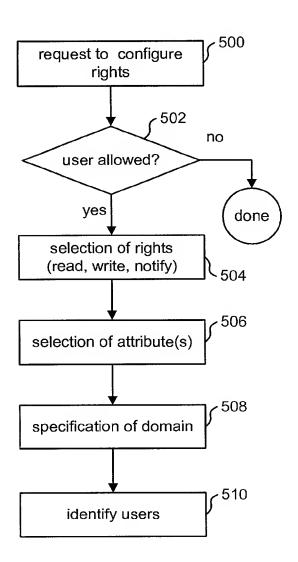
Template Based Workflow Definition
Joan C. Teng Docket: OBL Applicant: OBLX-01024US0 Appl. No.: Unknown Atty: Burt Magen Filing Date: November 30, 2001 Express Mail No.: EL 897 525 544 US Phone: (415) 369-9660





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Title: OBLX-01024US0 Applicant. Joan C. Teng Docket: Appl. No.: Unknown Atty. Buit Magen Filing Date. November 30, 2001 Phone: (415) 369-9660 Express Mail No.: EL 897 525 544 US



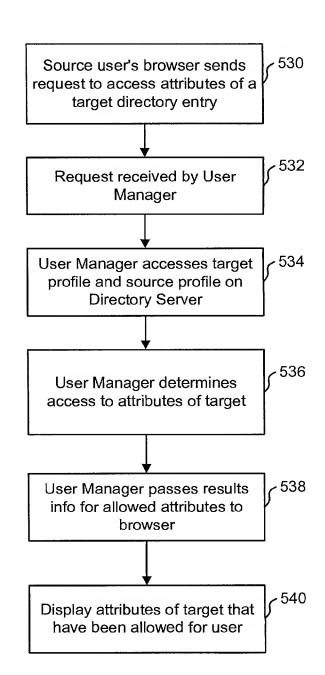


FIG. 11

FIG. 12

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Title: Applicant: Appi No.: Template Pased Workflow Definition

Joan C. Teng Unknown November 30, 2001 Phone:

Docket. Atty:

OBLX-01024US0 Burt Magen (415) 369-9660

Filing Date. Express Mail No: EL S97 525 544 US

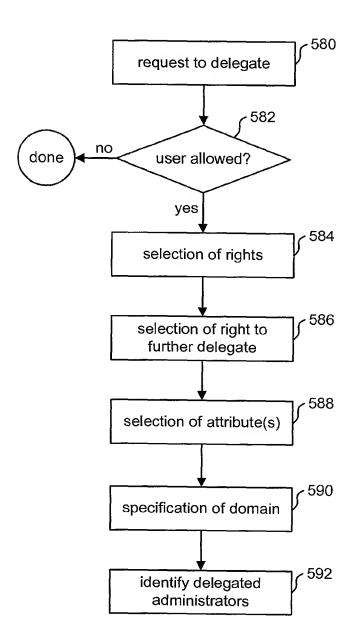


FIG. 13

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Joan C Teng Applicant: Appl. No.: Unknown November 30, 2001 Phone: Filing Date:

Docket: Atty:

OBLX-01024US0 Burt Magen (415) 369-9660

Express Mail No.: EL 897 525 544 US

Title:

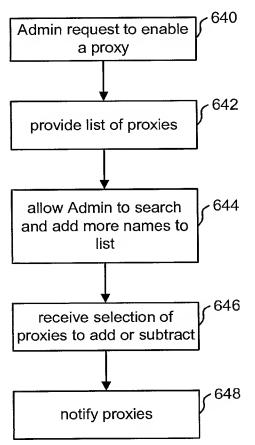


FIG. 14

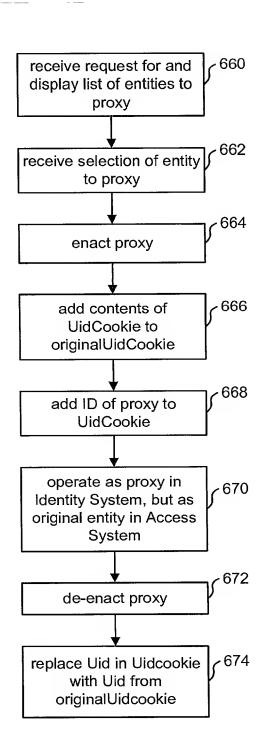


FIG. 15

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Title Template Based Workflow Definition
Applicant: Joan C. Teng Docket: OBL
Appl. No.: Unknown Atty: Burt

Filing Date.

 Joan C. Teng
 Docket:
 OBLX-0!024US0

 Unknown
 Atty:
 Burt Magen

 November 30, 2001
 Phone:
 (415) 369-9660

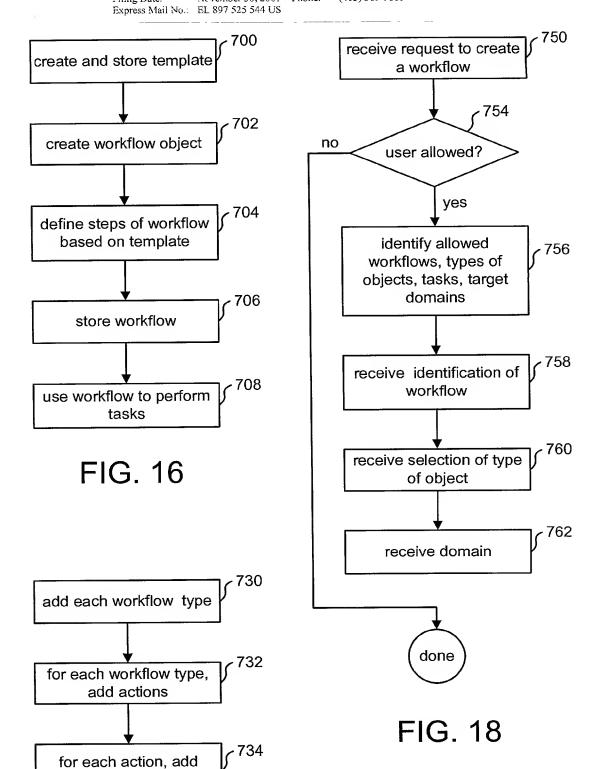


FIG. 17

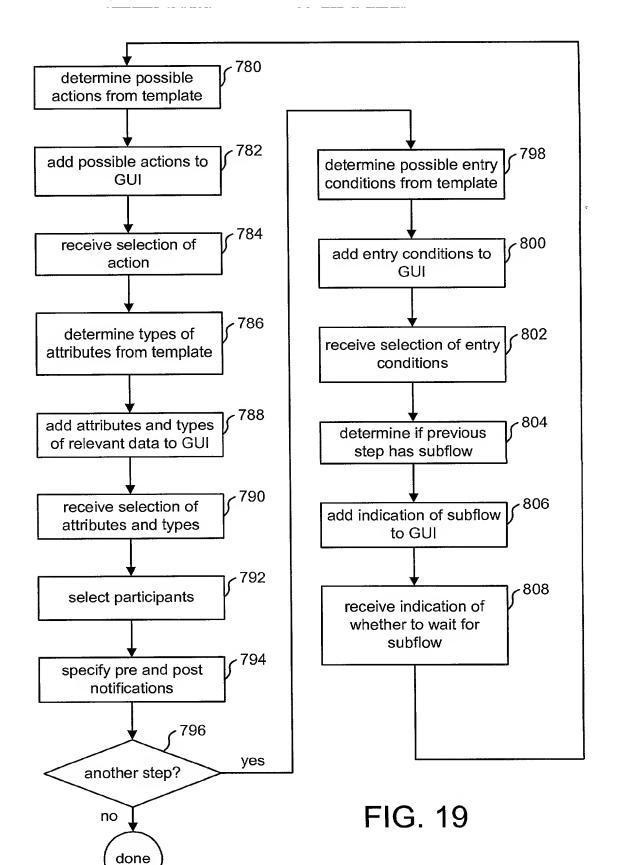
parameters

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Applicant: Joan C. Teng Appl. No: Unknown November 30, 2001 Phone: Filing Date:

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Express Mail No.: EL 897 525 544 US



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Docket: OBLX-01024US0 Title Applicant: Appl. No.: Unknown

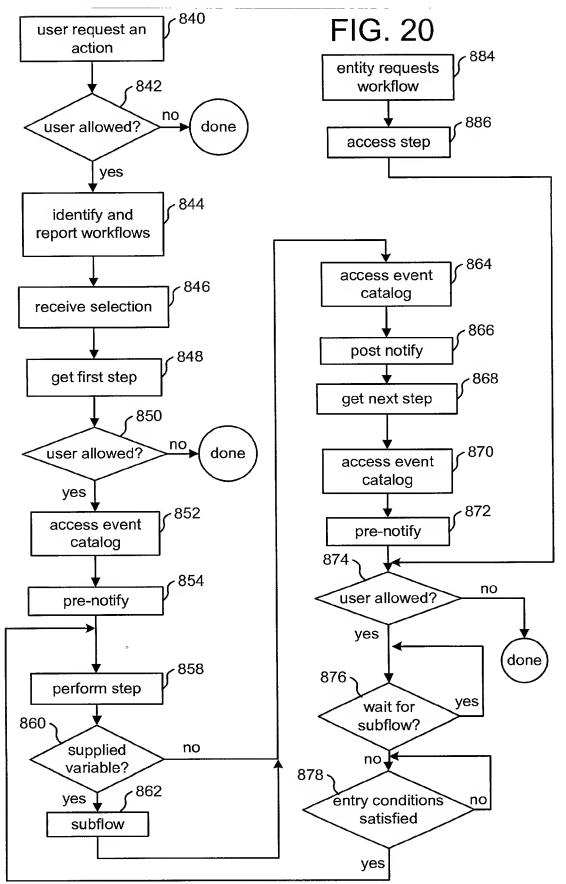
Atty:

Burt Magen

Filing Date Express Mail No.:

November 30, 2001 Phone: EL 897 525 544 US

(415) 369-9660



Page 15 of 52 Template Based Workflow Definition

Applicant: Joan C. Teng Appl. No.: Unknown

Title:

Docket: OBLX-01024US0 Atty: Burt Magen (415) 369-9660

November 30, 2001 Phone: Filing Date: Express Mail No.: EL 897 525 544 US

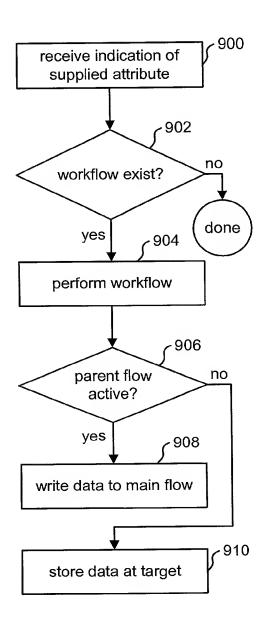


FIG. 21

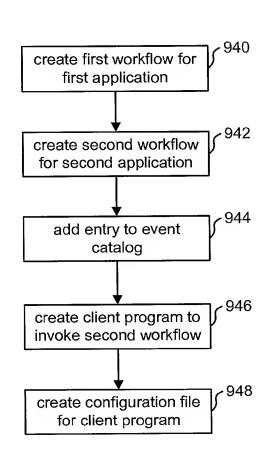


FIG. 22

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Title: Template Based Workflow Definition
Applicant: Joan C. Teng Docket: OBL

Apol. No.: Unknown Atty:
Filing Date: November 30, 2001
Express Mail No.: EL 897 525 544 US

Docket: OBLX-01024US0 Atty: Burt Magen Phone: (415) 369-9660

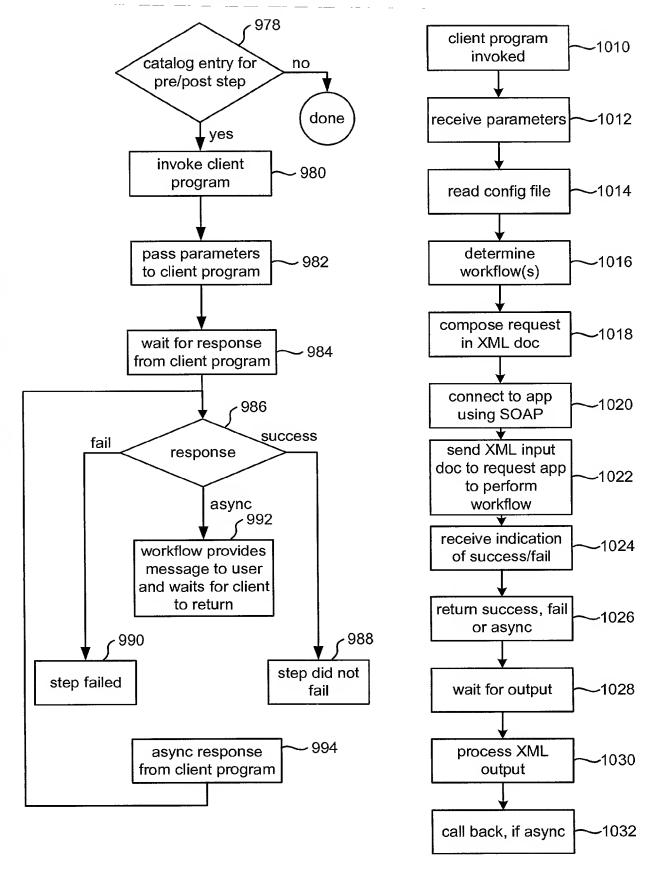


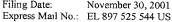
FIG. 23

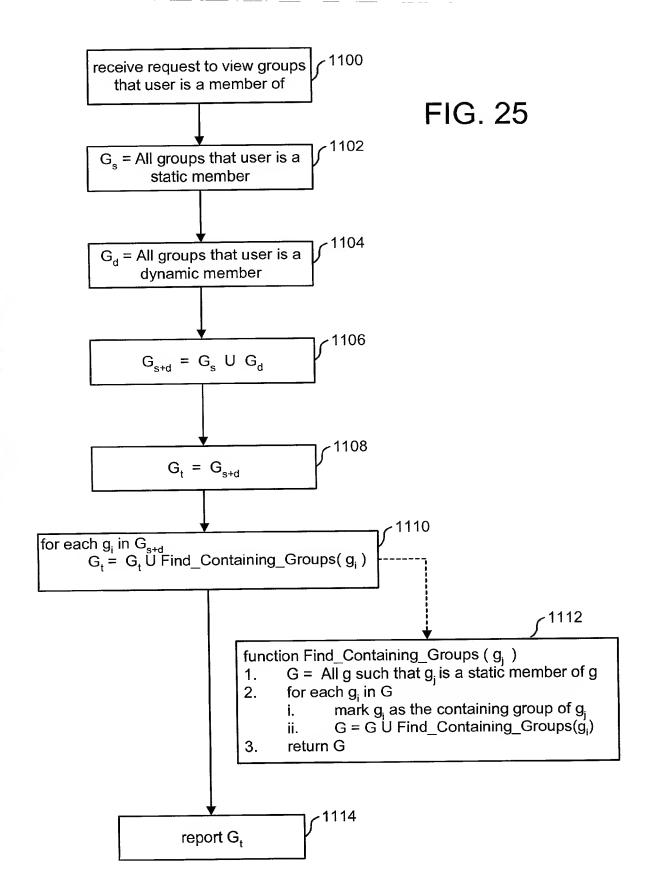
FIG. 24

Page 17 of 52 Title: Template Based Workflow Definition

Applicant: Joan C. Teng Appl. No.: Unknown Filing Date: November 30, 2001 Phone:

Docket: OBLX-01024US0 Atty: Burt Magen (415) 369-9660





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Title: Applicant. Appl. No.:

Template Based Workflow Definition Joan C. Teng Unknown

Docket: Atty:

OBLX-01024US0 Burt Magen

November 30, 2001 Phone: Filing Date: Express Mail No.: EL 897 525 544 US

(415) 369-9660



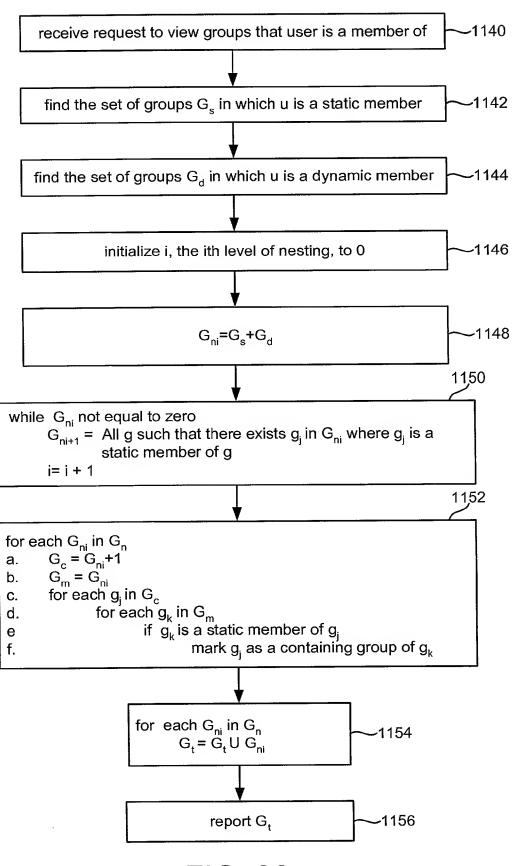


FIG. 26

Page 19 of 52 Template Based Workflow Definition Title: Docket: OBLX-01024US0 Joan C. Teng Applicant: Burt Magen Appl. No.: Unknown Atty: (415) 369-9660 November 30, 2001 Phone: Filing Date Express Mail No.: EL 897 525 544 US -1200 receive request to view FIG. 27 members of group function GetMembersOfGroup(U,, g) **1202**  $U_t = U_t + U_s(g)$   $U_t = U_t + U_d(g)$ 2. 3. for each g<sub>i</sub> in G<sub>s</sub>(g) GetMembersOfGroup(U<sub>i</sub>, g<sub>i</sub>) -1204 report U, -1220 receive request to view FIG. 28 members of group function GetMembersOfGroup(U,, R, g) 1222  $U_t = U_t + U_s(g)$  $R = R + g_r$ b. for each  $g_i$  in  $G_s(g)$ C. GetMembersOfGroup(U, , R , gi) for each r, in R match = false, i = 0while  $j < sizeof(R_n)$  and match = = false ii. iii. if match = = false 1.  $R_n = R_n + r_i$ 1226 **-1228** report U,

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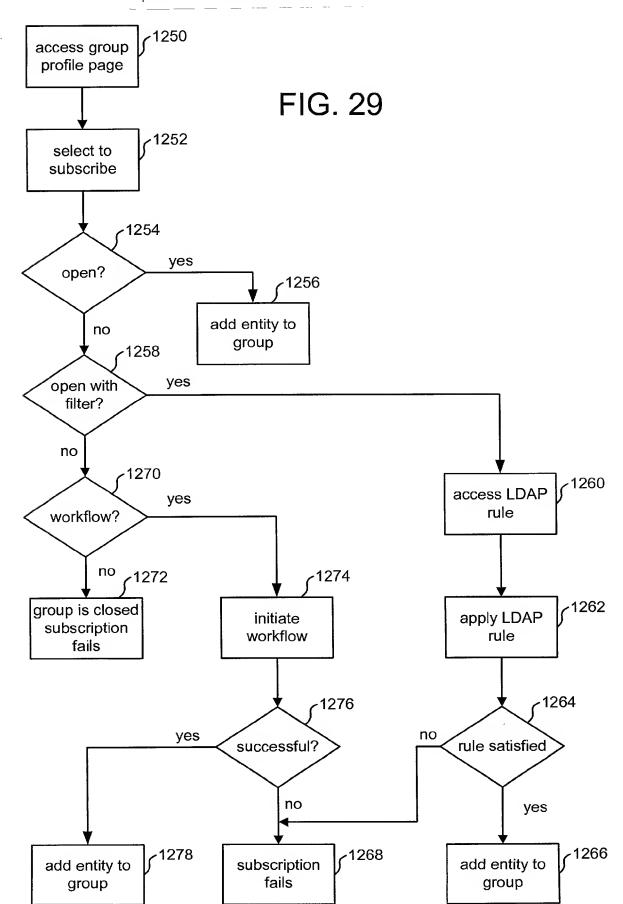
Title: Applicant: Appl. No.:

Joan C. Teng Unknown

OBLX-01024US0 Docket:

Filing Date: EL 897 525 544 US Express Mail No.

Atty: November 30, 2001 Phone: Burt Magen (415) 369-9660



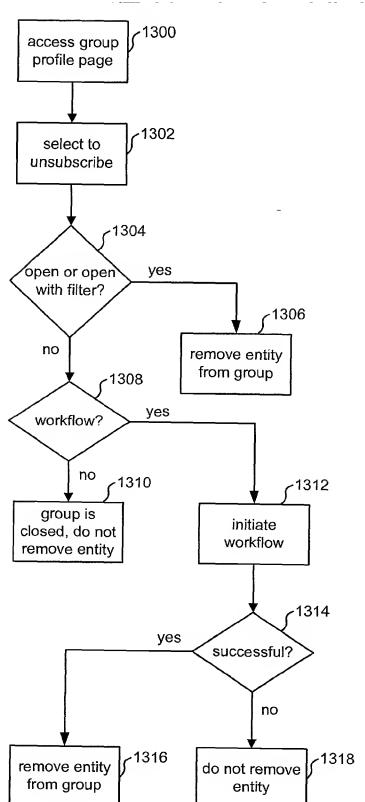
Page 21 of 52 Template Based Workflow Definition

Title. Applicant: Appl. No.: Filing Date: Express Mail No

Joan C. Teng Unknown November 30, 2001 Phone: EL 897 525 544 US

Docket. Atty:

OBLX-01024US0 Burt Magen (415) 369-9660



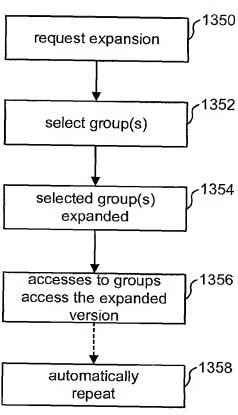


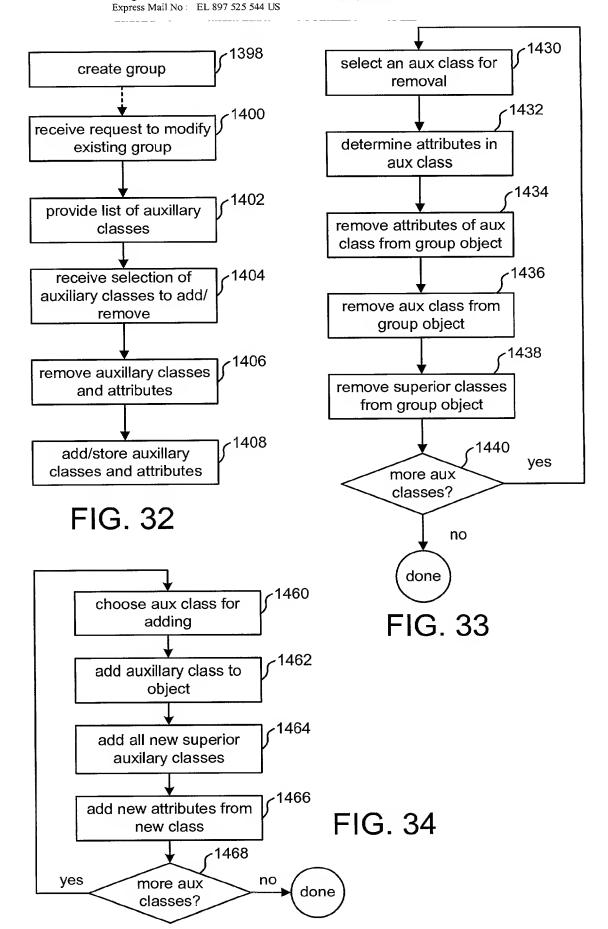
FIG. 31

FIG. 30

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Title:

OBLX-01024US0 Joan C. Teng Applicant<sup>-</sup> Docket<sup>e</sup> Appl. No.: Unknown Atty: Burt Magen Filing Date: November 30, 2001 Phone: (415) 369-9660



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Template Based Workflow Definition

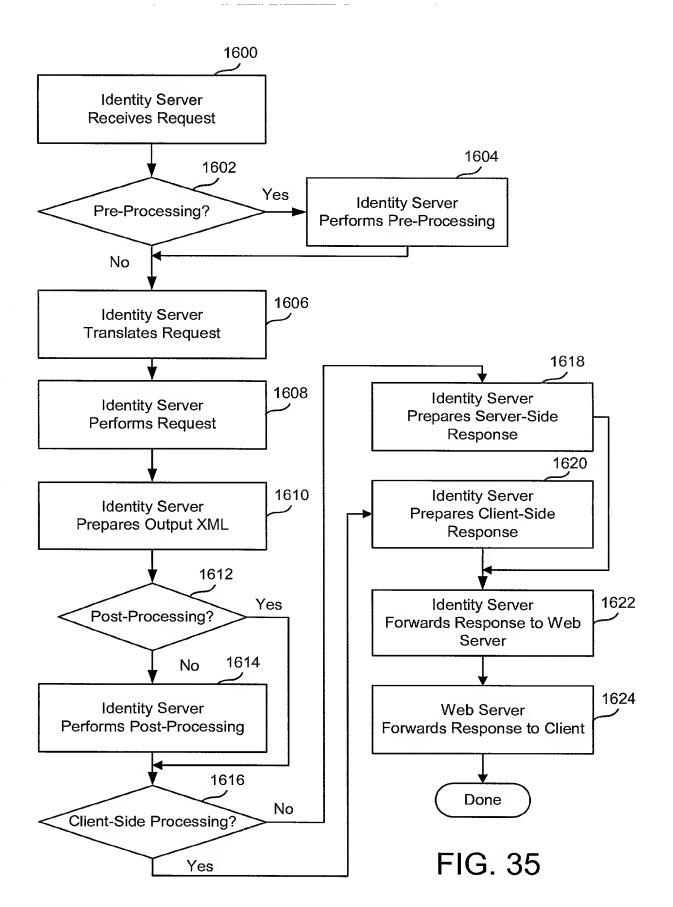
Applicant: Joan C. Teng Appl. No. Unknown Filing Date: November 30,

Title.

Unknown Atty:
November 30, 2001 Phone:

Docket: OBLX-01024US0 Atty: Burt Magen Phone: (415) 369-9660

Express Mail No.: EL 897 525 544 US



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Applicant: Joan C. Teng

Template Based Workflow Definition OBLX-01024US0 Docket:

Unknown Atty: November 30, 2001 Phone:

Burt Magen (415) 369-9660

Appl. No: Filing Date: Express Mail No.: EL 897 525 544 US

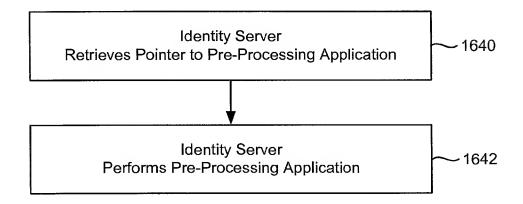


FIG. 36

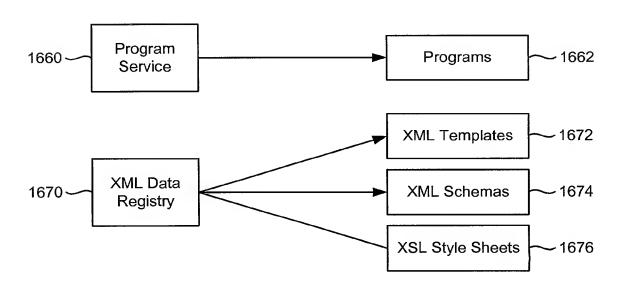


FIG. 37

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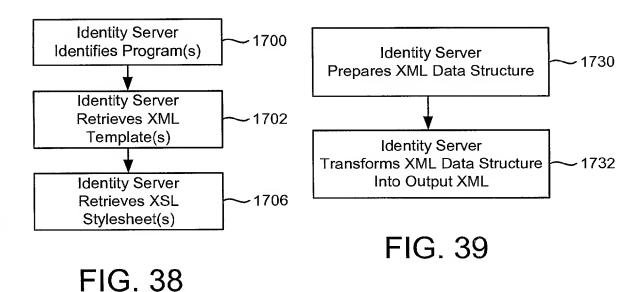
Title: Template Based Workflow Definition
Applicant: Joan C. Teng Docket: OBL

 Applicant:
 Joan C. Teng
 Docket:
 OBLX-01024US0

 Appl. No.:
 Unknown
 Atty:
 Burt Magen

 Filmg Date:
 November 30, 2001
 Phone:
 (415) 369-9660

 Express Mail No.:
 EL 897 525 544 US
 (415) 369-9660





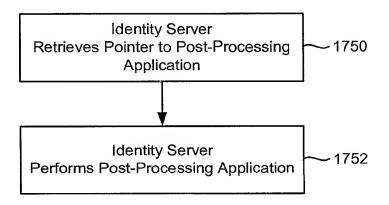


FIG. 40

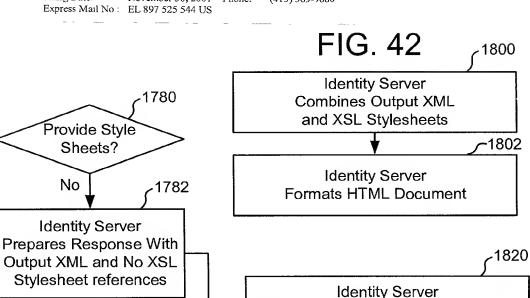
Page 26 of 52 Template Based Workflow Definition

Applicant: Joan C. Teng Appl. No.: Unknown November 30, 2001 Phone: Filing Date:

Title.

Yes

OBLX-01024US0 Docket: Atty: Burt Magen (415) 369-9660

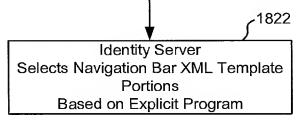


**Identity Server** Prepares Response With Output XML and XSL Stylesheet references

1784

FIG. 41

Done



Selects Navigation Bar XML Template

Based on User Type

FIG. 43

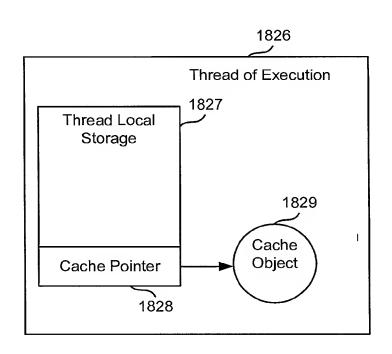


FIG. 44

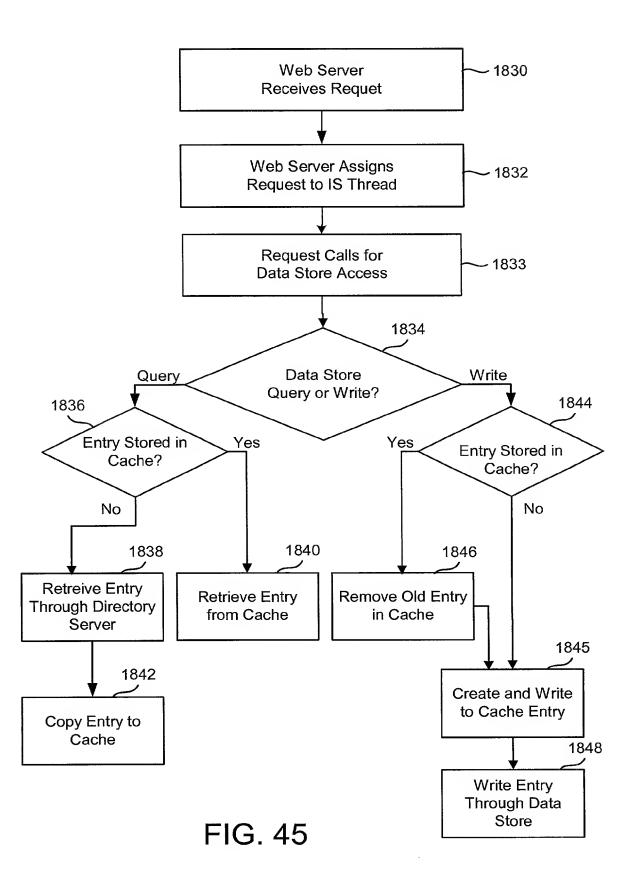
Page 27 of 52 Template Based Workflow Definition

Title: Template Base
Applicant: Joan C. Teng
Appl. No.: Unknown
Filing Date: November 30,

Docket: OBLX-01024US0 Atty: Burt Magen

Express Mail No.: EL 897 525 544 US

November 30, 2001 Phone: (415) 369-9660 EL 897 525 544 US



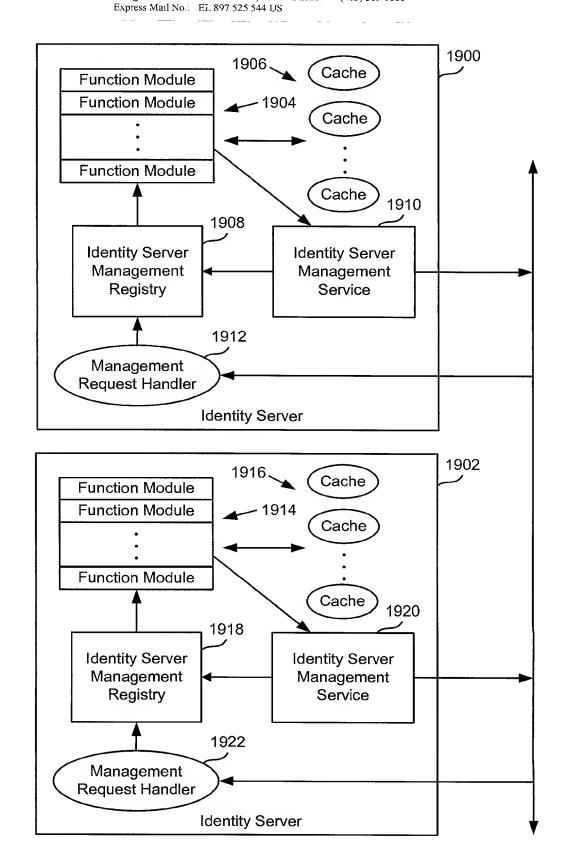


FIG. 46

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Title Applicant: Appl No..

Joan C. Teng Unknown

Docket: Atty. November 30, 2001 Phone:

OBLX-01024US0 Burt Magen (415) 369-9660

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Express Mail No.: EL 897 525 544 US

FIG. 47

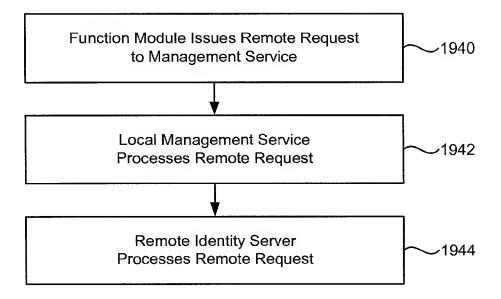
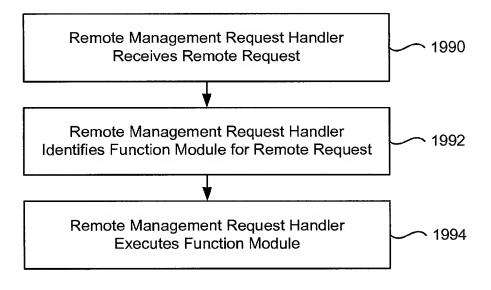


FIG. 49



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Applicant: Joan C. Teng Appl. No.: Unknown November 30, 2001 Phone. Filing Date:

Title:

Docket: OBLX-01024US0 Atty:

Burt Magen (415) 369-9660

Express Mail No.: EL 897 525 544 US

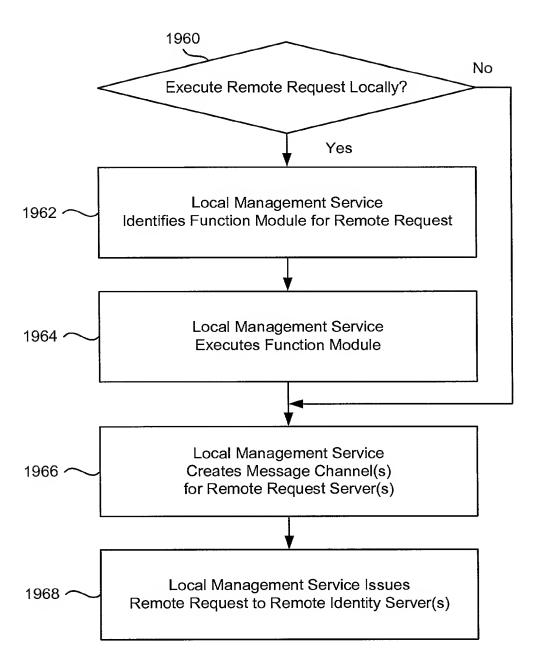


FIG. 48

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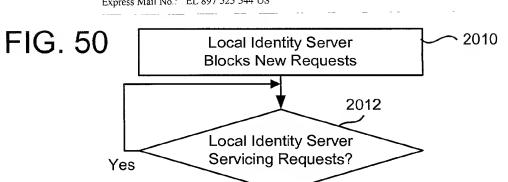
Title: Applicant: Joan C. Teng Appl. No.: Unknown

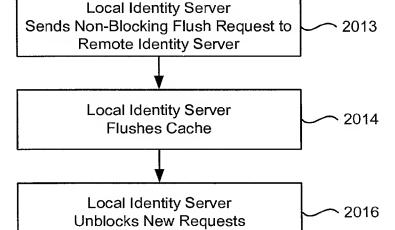
Docket: Atty:

OBLX-01024US0 Burt Magen (415) 369-9660



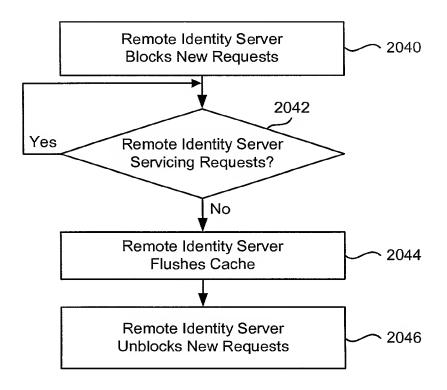
November 30, 2001 Phone: Filing Date: Express Mail No.: EL 897 525 544 US





No

FIG. 51



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Template Based Workflow Definition

Title: Applicant: Appl. No.:

Joan C. Teng Unknown

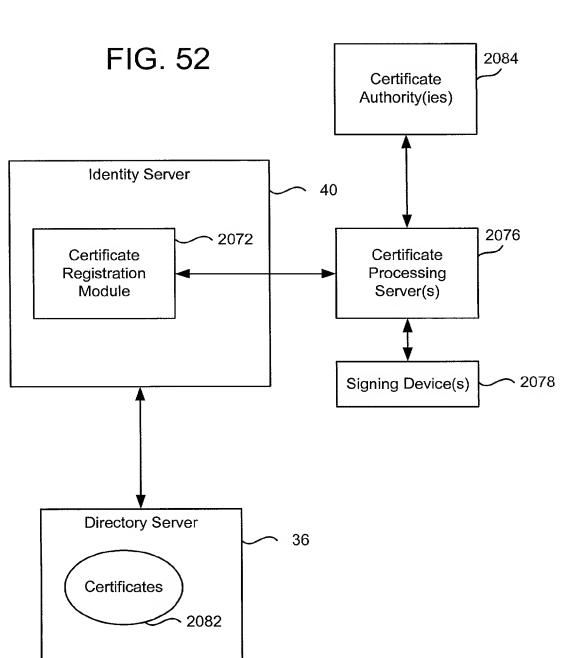
Docket. Atty.

OBLX-01024US0 Burt Magen

Filing Date: November 30, 2001 Express Mail No.: EL 897 525 544 US

November 30, 2001 Phone:

(415) 369-9660



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Template Based Workflow Definition

Title. Template Based Applicant. Joan C. Teng Appl. No.: Unknown

Joan C. Teng Docket: Unknown Atty: November 30, 2001 Phone:

Docket: OBLX-01024US0 Atty: Burt Magen Phone: (415) 369-9660

Filing Date: November 30, 2001 Express Mail No.: EL 897 525 544 US

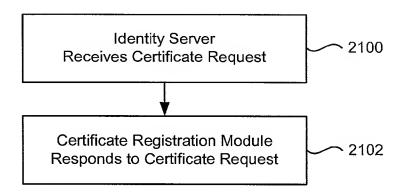


FIG. 53

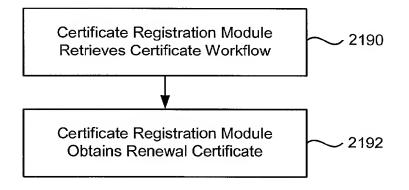


FIG. 56

Page 34 of 52 Title: Template Based Workflow Definition

Applicant. Joan C. Teng Appl. No: Unknown November 30, 2001 Phone: Filing Date:

Docket: OBLX-01024US0 Atty: Burt Magen (415) 369-9660

Express Mail No: EL 897 525 544 US

Certificate Registration Module Retrieves Certificate Enrollment 2120 Workflow Certificate Registration Module 2122 Retrieves Required Information Certificate Registration Module 2124 Retrieves Approval Response 2126 No Approval Granted? 2128 Yes Certificate Registration Module **Obtains Certificate** 2130 Certificate Registration Module Issues Error/Rejection Report

FIG. 54

Done

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 Title:
 Template Based Workflow Definition

 Applicant:
 Joan C. Teng
 Docket:
 OBLX-01024US0

 Appl No..
 Unknown
 Atty:
 Burt Magen

 Filing Date:
 November 30, 2001
 Phone:
 (415) 369-9660

Filing Date: November 30, 2001 Express Mail No.: EL 897 525 544 US

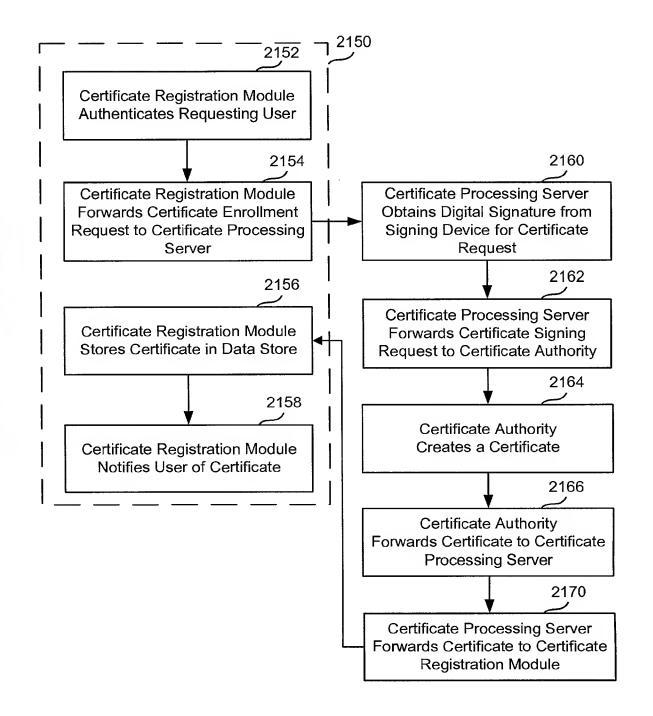


FIG. 55

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Title: Applicant: Template Based Workflow Definition OBLX-01024US0

Appl. No.: Filing Date:

Joan C. Teng Unknown November 30, 2001 Phone:

Docket: Atty:

Burt Magen (415) 369-9660

Express Mail No.: EL 897 525 544 US

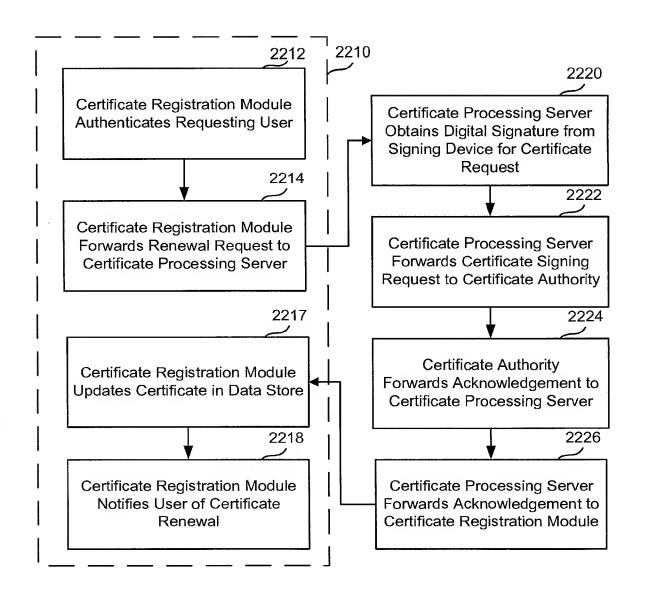


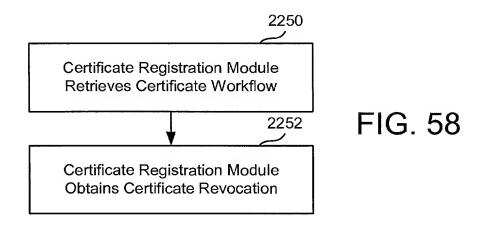
FIG. 57

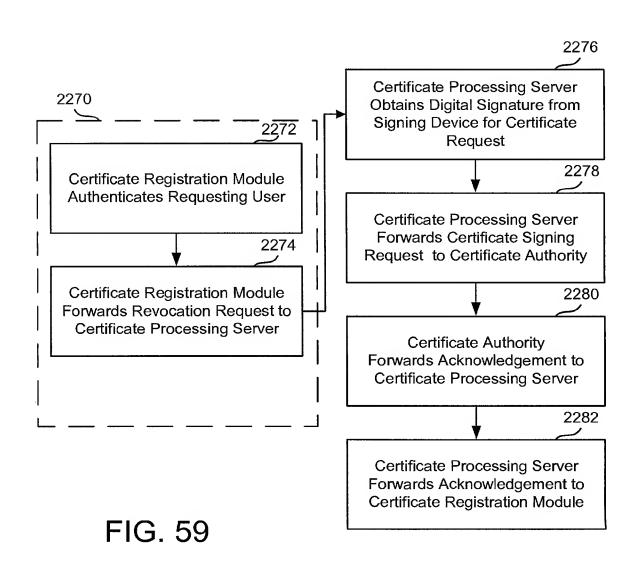
Page 37 of 52 Title: Template Based Workflow Definition

Applicant: Appl. No.: Filing Date:

Joan C. Teng Unknown Atty: November 30, 2001 Phone: Express Mail No.: EL 897 525 544 US

Docket: OBLX-01024US0 Burt Magen (415) 369-9660





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Template Based Workflow Definition

Title: Applicant: Appl No.: Joan C. Teng Docket. OBJ\_X-01024US0 Burt Magen (415) 369-9660 Unknown Atty: November 30, 2001 Phone: Filing Date:

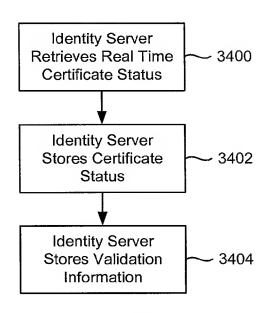


FIG. 59A

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Title: Template Based Workflow Definition Applicant: Joan C. Teng Docket:

OBLX-01024US0 Appl. No. Unknown Atty-Burt Magen (415) 369-9660 Filing Date. November 30, 2001 Phone:

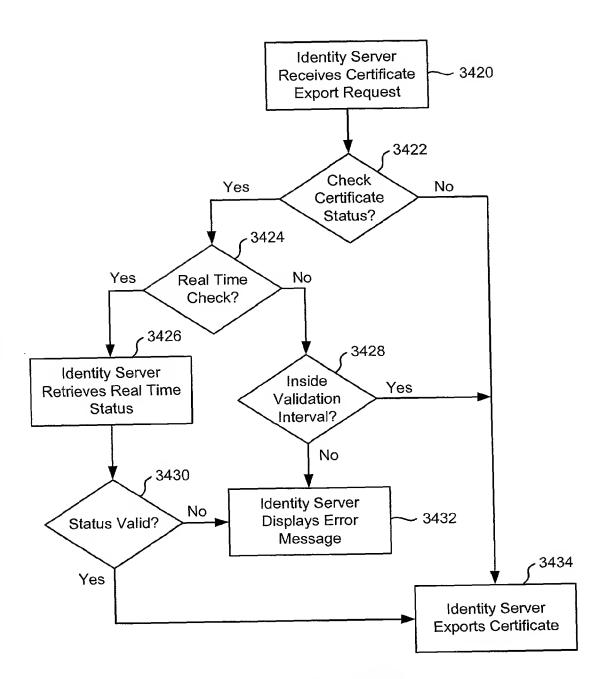


FIG. 59B

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Title: Template Based Workflow Definition

Applicant: Joan C. Teng Docket: OBLX-01024US0
Appl. No. Unknown Atty: Burt Magen
Filing Date: November 30, 2001 Phone: (415) 369-9660

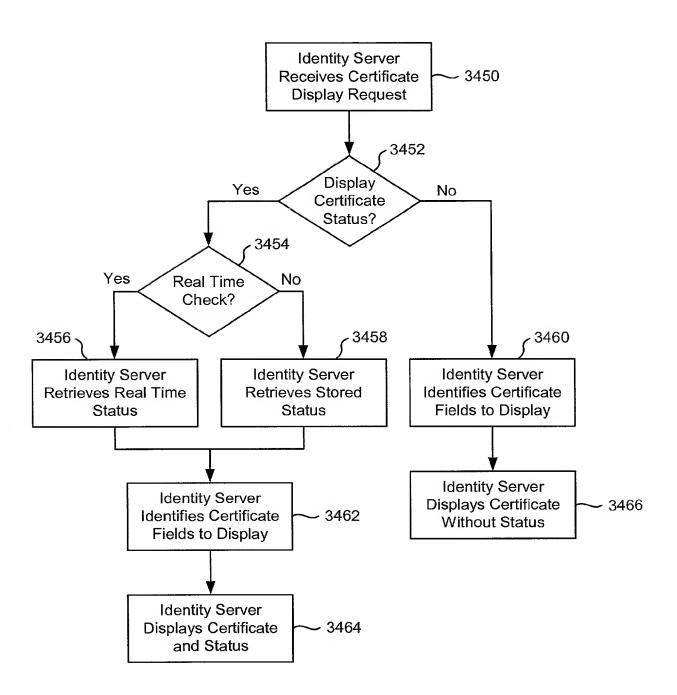


FIG. 59C

Page 41 of 52 Title: Template Based Workflow Definition

Applicant: Appl. No. Filing Date: Express Mail No EL 897 525 544 US

Joan C. Teng Unknown

Docket: Atty: November 30, 2001 Phone:

OBLX-01024US0 Burt Magen (415) 369-9660

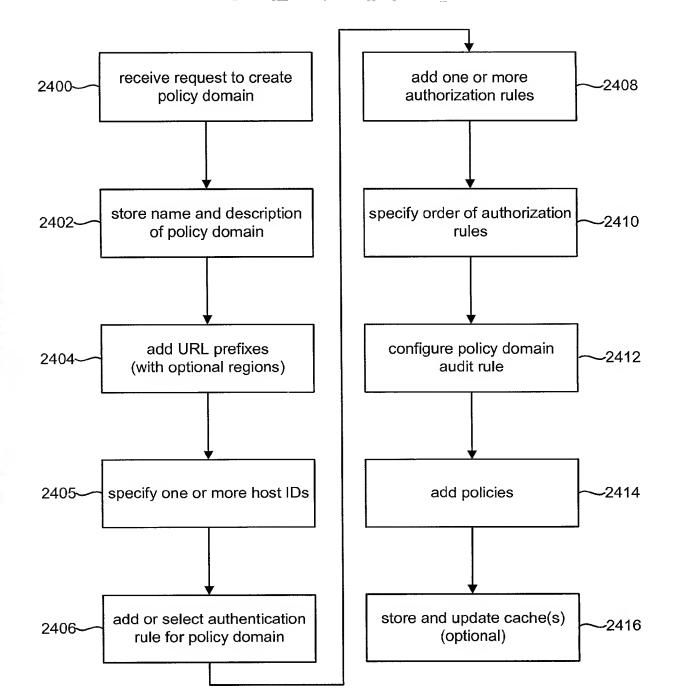


FIG. 60

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Applicant: Joan C. Teng Docket: OBLX-01024US0

Appl. No.: Unknown Atty: Burt Magen

Filing Date: November 30, 2001 Phone: (415) 369-9660

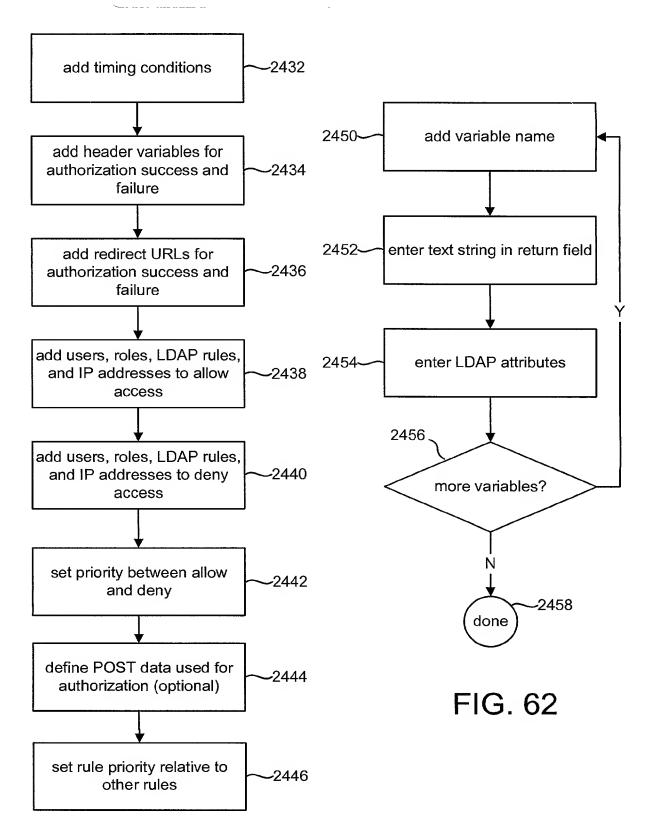


FIG. 61

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Title: Joan C. Teng Applicant: OBLX-01024US0 Docket: Appl. No.: Unknown Atty: Burt Magen Filing Date: November 30, 2001 Phone. (415) 369-9660 Express Mail No.: EL 897 525 544 US

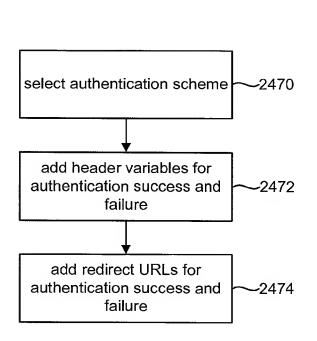


FIG. 63

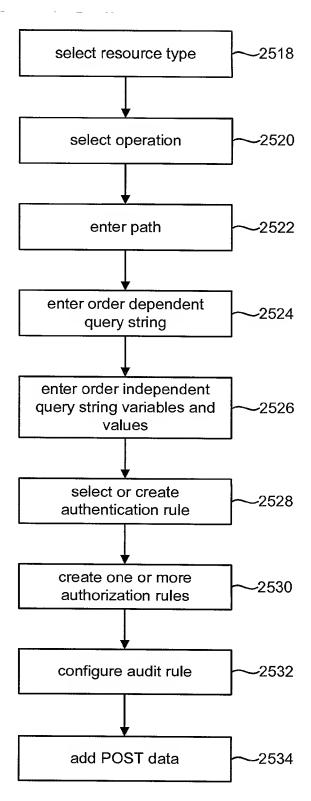
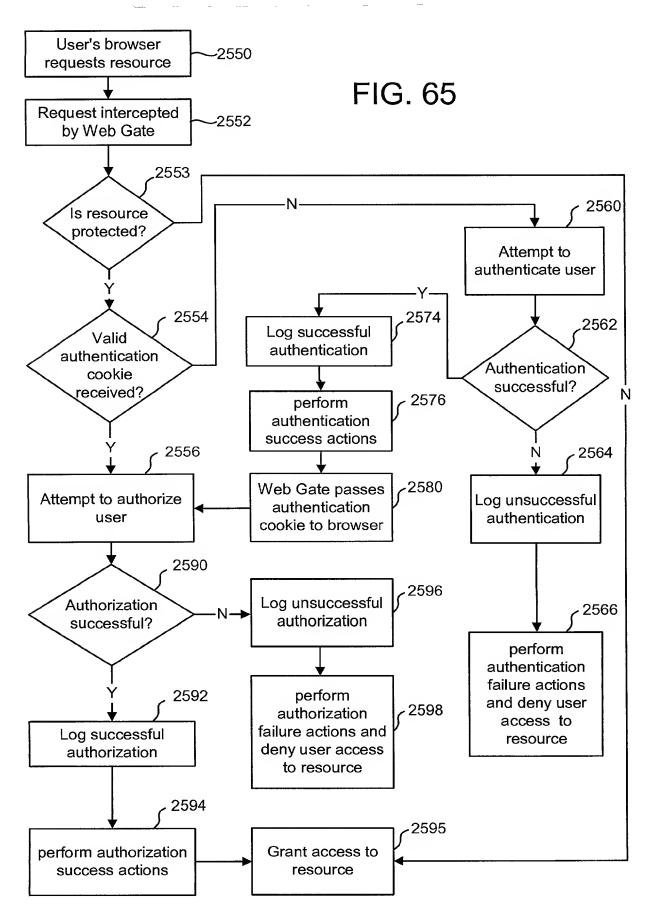


FIG. 64

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Express Mail No.: EL 897 525 544 US

Appl. No.: Burt Magen (415) 369-9660 November 30, 2001 Phone: Filing Date:



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Template Based Workflow Definition

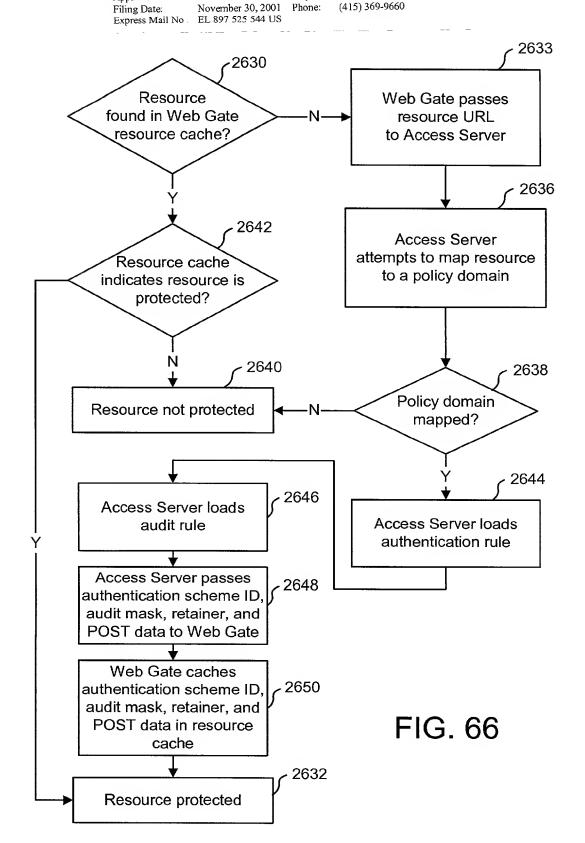
Title-

Applicant:

Appl. No.:

Joan C. Teng Docket:

Unknown Atty: November 30, 2001 Phone: OBLX-01024US0 Burt Magen (415) 369-9660



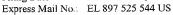
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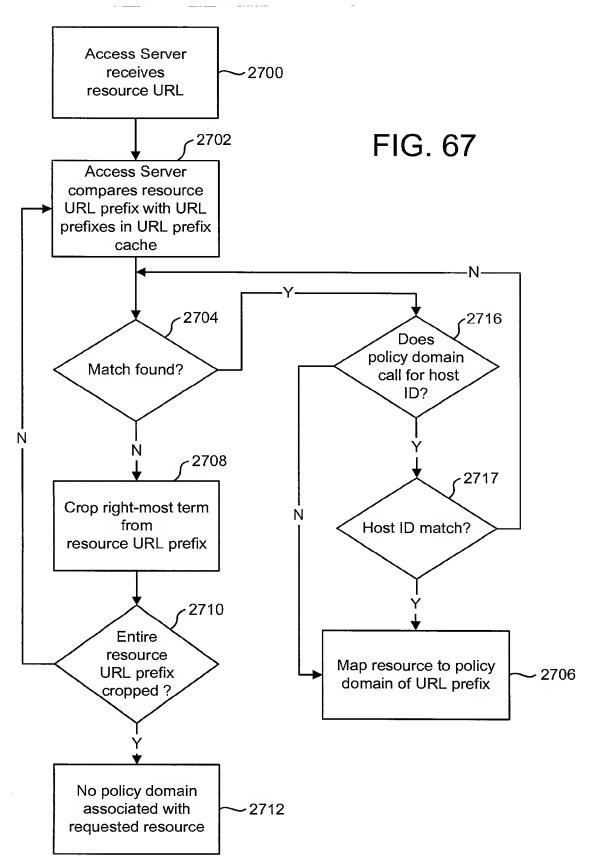
Title: Applicant: Appl. No.: Filing Date:

Unknown

Atty: November 30, 2001 Phone:

OBLX-01024US0 Burt Magen (415) 369-9660

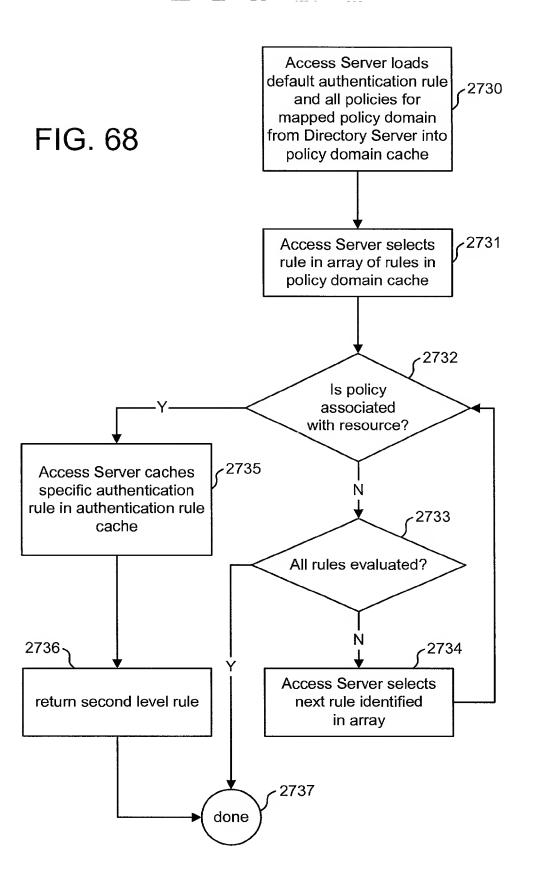




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Title: Template Based Workflow Definition

Applicant: Joan C. Teng Docket:
Appl. No.: Unknown Atty:
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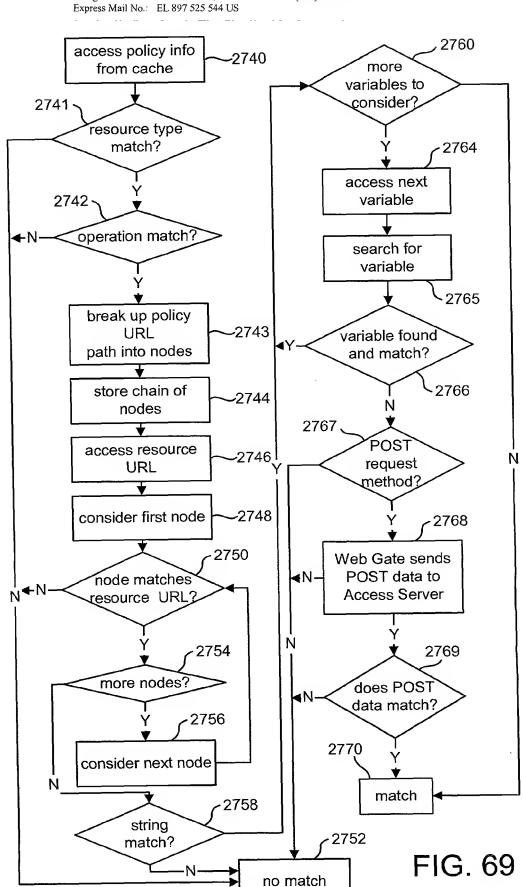
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Applicant: Joan C. Teng Docket: OBLX-01024US0

Appl. No: Unknown Atty: Burt Magen

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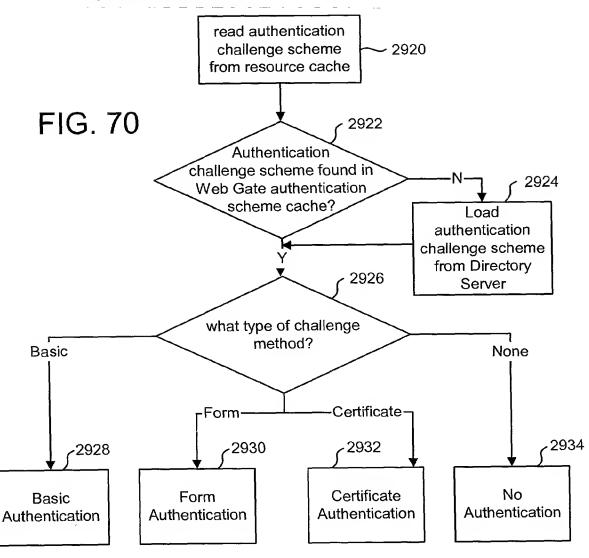
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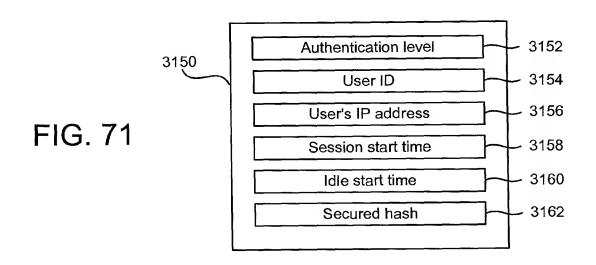
Title: Template Based Workflow Definition

Applicant: Joan C. Teng Docket: OBLX-01024US0

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Filing Date: November 30, 2001 Phone: (415) 369-9660





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Applicant: Joan C. Teng Appl. No.: Unknown

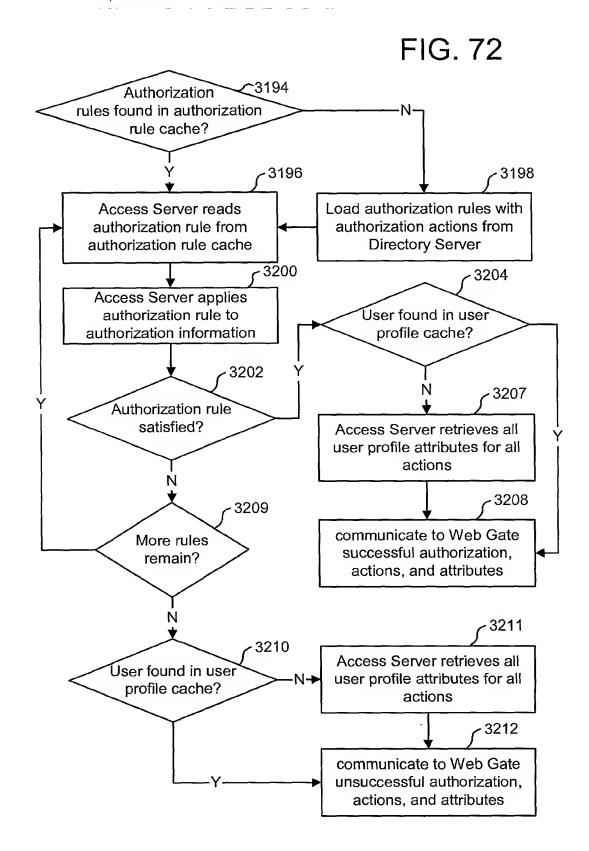
Docket: Atty:

Phone:

OBLX-01024US0 Burt Magen

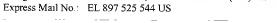
Filing Date:

November 30, 2001 Express Mail No.: EL 897 525 544 US (415) 369-9660



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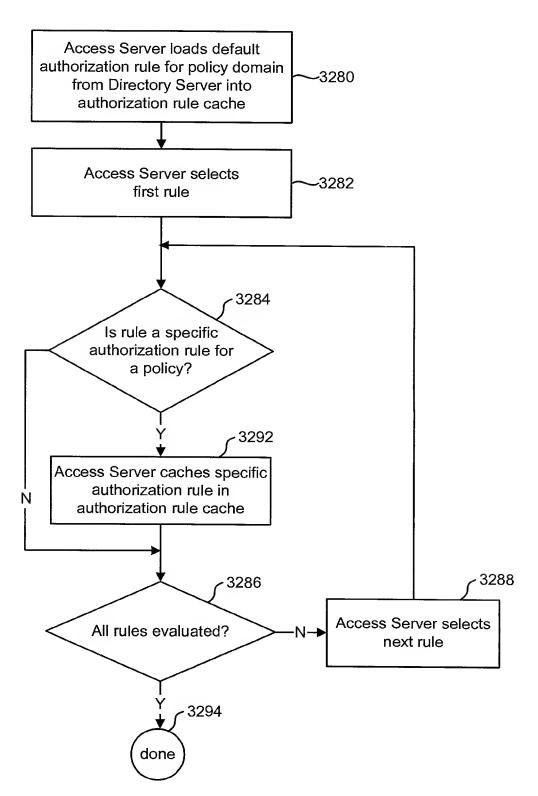


FIG. 73

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OBLX-01024US0 Docket: Atty. Burt Magen Phone: (415) 369-9660

